

FEDERAL ITEM IDENTIFICATION GUIDE

HAZARD-DETECTING INSTRUMENTS AND APPARATUS

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Commander

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

- Index of Approved Item Names Covered by this FIIG
- Applicability Key Index
- Section I - Item Characteristics Data Requirements
- Section III - New text that should be here.
- Appendix A - Reply Tables
- Appendix B - Reference Drawing Groups (as applicable)
- Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

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c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign (\$) for an OR condition, or a double dollar sign (\$\$) for an AND condition, (5) the mode code, (6) the response or reply code

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(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

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This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

<u>MRC</u>	<u>Mode Code</u>	<u>Requirement</u>	<u>Example</u>
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

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ZZZV	66
CXCY	66

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
CHARGER, RADIAC DETECTOR	00312	BE
A portable device that provides an electrostatic charge for a radiacmeter (dosimeter) or detector. May include means for reading (without interpolation) the amount of X and gamma radiation of exposed pocket type radiac detectors.		
DETECTING SET, MINE	03896	BD
A fixed number of components and/or items, not all having the same basic name, which are required for the detection and indication of metallic and/or nonmetallic mines buries in the earth, submerged in water, or on the surface of land or water within the operating range of the device. For items without separate components such as head phones, battery packs, or displays see: DETECTOR, MINE.		
DETECTING SET, SUBMARINE	03897	BD
A fixed number of components and/or items, not all having the same basic name, which are required for determining from the air the presence of a submarine(s).		
DETECTOR, GAS	37401	AC
A device specifically designed for the detection and/or evaluation and indication of hazardous gases.		
DETECTOR, HYDROGEN SULFIDE	17010	AC
DETECTOR, MINE	67628	BD
A unit used to locate metallic and low-metallic buried landmines. It may be portable and use battery power. It may or may not be a functioning unit. For items including separate components such as head sets, displays or battery packs see: DETECTOR SET, MINE.		
DETECTOR, RADIAC	00089	AA
A device consisting of a permanent or replaceable element which is sensitive to radio-activity or free nuclear particles, together with its associated circuits and housing. As a result of the incident ionizing radiation, it produces an electron pulse or current flow that can be interpreted or measured by other components. Does not include meters or indicators. Excludes PROBE, RADIAC.		
INDICATOR, CARBON MONOXIDE	17495	AC
An item which visually indicates the concentration of carbon monoxide gas in the air. See also DETECTOR KIT, CARBON MONOXIDE, COLORIMETRIC.		

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
METER, ROENTGEN RATE	17257	CA
An electrically operated instrument which measures radioactivity and is calibrated in roentgens per unit time or any multiple thereof. For instruments that measure radioactivity directly, see RADIACMETER.		
MONITOR, CHEMICAL AGENT	36327	AC
A hand held device used for monitoring of chemical agent contamination on personnel and/or equipment. It detects vapors of chemical agents and may be designed to discriminate between vapors or various agents.		
PAN, EXPLOSIVES DETECTION	68157	BD
A vehicle mounted item using a magnetic field to determine the presence of mines in or above ground. It has mounted ink marking nozzles that help pinpoint the location of explosives for later disposal.		
PROBE, RADIAC	00322	AB
An item designed to house and position a Geiger-Mueller or neutron ray counter type ELECTRON, TUBE. It may include a preamplifier(s) and associated cable(s).		
RADIAC SET	07331	BA
A fixed number of components and/or items, not all having the same basic name, which are used to detect, measure and/or compute radioactivity. They may or may not indicate simultaneously.		
RADIACMETER	07833	BB
An item specifically designed to detect and measure radioactive energy; indicated directly. It may or may not include the function of a radiac computer.		
RECONNAISSANCE SYSTEM, NUCLEAR- BIOLOGICAL-CHEMICAL	36999	BD
A warning and communication system which will detect, identify and mark areas of nuclear, biological, and chemical (NBC) contamination; collect and store soil, water, and vegetation samples for later analysis; designate lanes of clear passage for troop movement; and transmit NBC information to others and to area commanders.		
SAMPLING PUMP, AIR	53411	AC
A lightweight, compact, battery operated type item used with a variety of personal and area sampling devices. It is used for collecting airborne contaminants such as asbestos fibers, silica, coal and wood dusts, toxic gases, vapors, fumes and mists. This item comes with or without flow-fault indicator, to show if flow blockage occurs.		
SENSOR HEAD, MINE DETECTOR	67629	BD
An item which detects metallic material and low-metallic land mines utilizing metal detector technology and ground penetrating radar.		

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	<u>AA</u>	<u>AB</u>	<u>AC</u>
NAME	X	X	X
AMRM	X	X	
AMRP	X		
AMRX	X	X	AR
AMRZ	X		AR
AMSQ		AR	
AMSA		AR	
AMGN		AR	
AMSB		AR	
AMSE	AR		AR
AMSJ	AR		AR
AMSH	AR		
AMSL	X	X	AR
AMSM	X		AR
ADTV	X	X	AR
ADTY		X	
APPF	X	X	AR
ALLB	AR	AR	AR
AMSN	X	X	AR
APPG		X	
APPH		AR	
MATL		AR	
ABHP	AR	AR	AR
ADAV	AR	AR	AR
ABMK	AR	AR	AR
ABKW	AR	AR	AR
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
NHCF	AR	AR	AR
ELCD	AR	AR	AR
AGAV	AR	AR	AR
AKWA	AR	AR	AR
AKWB	AR	AR	AR
ALCD	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
FCLS	AR	AR	AR

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FTLD	AR	AR	AR
TMDN	AR	AR	AR
RTSE	AR	AR	AR
RDAL	AR	AR	AR
NTRD	AR	AR	AR
ZZZP	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

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	<u>BA</u>	<u>BB</u>	<u>BD</u>	<u>BE</u>
NAME	X	X	X	X
AMRM	X	X		
APPJ	AR	AR		
CTJX	AR	AR		
APPK	AR	AR		
APPN	AR	AR		
APPP	AR	AR		
APPQ	AR	AR		
AMKD	X	X	X	
AMRX	X	X		
AKWH				X
APSE				AR
APSF				AR
APSG				AR
FAAZ	AR	AR	AR	AR
FREQ	AR	AR	AR	AR
ALSF	AR	AR	AR	AR
APCB		X		
AFJU		AR		
ADTV		X		X
ADTY		AR		AR
ABHP	AR	AR	AR	AR
ADAV	AR	AR	AR	AR
ABMK	AR	AR	AR	AR
ABKW	AR	AR	AR	AR
ADJH		AR		
AFHS	AR		AR	
AKVY	AR	AR		
AFJH	AR	AR		
AKVZ	AR	AR		
AJJX	AR			
AJJY	AR			
AJJZ	AR			
AJKA	AR			
AJKB	AR			
FEAT	AR	AR	AR	AR
TEST	AR	AR	AR	AR
SPCL	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR
CRTL	AR	AR	AR	AR
PRPY	AR	AR	AR	AR
ELRN	AR	AR	AR	AR
NHCF	AR	AR	AR	AR
ELCD	AR	AR	AR	AR
AGAV	AR	AR	AR	AR
AKWA	AR	AR	AR	AR
AKWB	AR	AR	AR	AR
ALCD	AR	AR	AR	AR
PRMT	AR	AR	AR	AR

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PMWT	AR	AR	AR	AR
PMLC	AR	AR	AR	AR
SUPP	AR	AR	AR	AR
FCLS	AR	AR	AR	AR
FTLD	AR	AR	AR	AR
TMDN	AR	AR	AR	AR
RTSE	AR	AR	AR	AR
RDAL	AR	AR	AR	AR
NTRD	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR
CXCY	AR	AR	AR	AR

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CA

NAME	X
ANTH	X
APSJ	X
APSK	X
ANBJ	X
ADTV	X
APSL	X
AAQL	AR
ABPM	AR
ADAQ	AR
ADAT	AR
ADME	AR
ADMG	AR
ADMH	AR
APSS	AR
APST	AR
APSW	AR
APSX	AR
APSY	AR
ABHP	AR
ABMK	AR
ADAV	AR
ABKW	AR
ABFY	AR
APPN	AR
APSM	AR
AHFT	X
APSN	AR
ADEE	AR
ANJG	AR
APMM	X
APSQ	X
APSR	AR
AETT	X
ALGC	AR
AARA	AR
AARB	AR
ABJT	AR
AHBY	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
NHCF	AR
ELCD	AR
AGAV	AR

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AKWA	AR
AKWB	AR
ALCD	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

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Body

SECTION: A

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED00322*)

AA, AB

AMRM	H	RADIATION TYPE AND FUNCTION
------	---	-----------------------------

Definition: INDICATES THE RADIATION TYPE AND FUNCTION.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below. (e.g., AMRMHABAB*; AMRMHABAB\$\$HACAB*)

If the source document indicates that an item both detects and measures, give the Reply Code for measured only.

Table 1

REPLY CODE

AB

AC

AD

AE

AF

REPLY (AJ18)

ALPHA RAYS

BETA RAYS

GAMMA RAYS

NEUTRON RAYS

X-RAYS

Table 2

REPLY CODE

AB

AC

REPLY (AJ19)

DETECTS

MEASURES

AA

AMRP	J	RADIATION ENERGY RATING
------	---	-------------------------

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Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

Definition: AN INDICATION OF THE RADIATION ENERGY THE ITEM IS CAPABLE OF HANDLING WITHIN A SPECIFIED PERIOD OF TIME.

Reply Instructions: Enter the applicable Reply Codes from Tables 1, 2, and 3 below, followed by the numeric value. (e.g., AMRPJABDA2.0*; AMRPJABDB1.5\$\$JABDC2.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AMRPKN*)

Table 1

REPLY CODE

AB
AC
AD
AE

REPLY (AJ20)

KEV (kilo-electron-volt)
MEV (million electron-volt)
MILLIROENTGENS
ROENTGENS

Table 2

REPLY CODE

D
E
F

REPLY (AC11)

PER HOUR
PER MINUTE
PER 24 HOURS

Table 3

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

AA, AB, AC*

AMRX	D	DETECTING ELEMENT TYPE
------	---	------------------------

Definition: INDICATES THE TYPE OF DETECTING ELEMENT INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMRXDAAB*; AMRXDAAC\$DAAG*)

REPLY CODE

A
AAF
AAR
AAG
AAS

REPLY (AJ21)

ANY ACCEPTABLE
CHEMICAL REACTION
ELECTRON TUBE
ELECTROSCOPE
GEIGER-MUELLER TUBE

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Key	MRC	Mode Code	Requirements
		AAB	GEIGER TUBE
		AAC	IONIZATION CHAMBER
		AAH	LIQUID STATE
		AAT	RADIO-PHOTOLUMINESCENT GLASS
		AAD	SCINTILLATION
		AAE	SOLID STATE

AA, AC*

AMRZ D DETECTING ELEMENT DETACHABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE DETECTING ELEMENT CAN BE DETACHED FROM THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMRZDAC*; AMRZDAB\$DAC*)

<u>REPLY CODE</u>	<u>REPLY (AH97)</u>
AC	DETACHABLE
AB	INTEGRAL

AB*

AMSQ A DETECTING ELEMENT QUANTITY

Definition: THE NUMBER OF DETECTING ELEMENTS.

Reply Instructions: Enter the quantity. (e.g., AMSQA1*)

NOTE FOR MRCS AMSA, AMGN, AND AMSB: IF A REPLY IS ENTERED FOR MRC AMSQ, REPLY TO MRCS AMSA, AMGN, AND AMSB.

AB* (See Note Above)

AMSA G CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERICAL ORGANIZATION CONTROLLING THE ITEM.

Reply Instructions: Enter the reply in clear text.

(e.g., AMSAGGEIGER-MUELLER*)

AB* (See Note Preceding MRC AMSA)

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Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

AMGN	G	TRADE DESIGNATION
------	---	-------------------

Definition: THE DESIGNATION BY WHICH THE ITEM IS IDENTIFIED THROUGHOUT INDUSTRY.

Reply Instructions: Enter the reply in clear text. (e.g., AMGNGCOUNTER TUBE*)

AB* (See Note Preceding MRC AMSA)

AMSB	J	IDENTIFYING NUMBER
------	---	--------------------

Definition: AN IDENTIFYING NUMBER ASSIGNED BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying number.

(e.g., AMSBJACD34*;

AMSBJADB1146\$\$JAFBS-1*)

REPLY CODE

AB
AC
AD
AE
AF

REPLY (AG99)

DRAWING NO.
MODEL NO.
PART NO.
SERIAL NO.
TYPE NO.

AA*, AC*

AMSE	J	VOLTAGE RATING
------	---	----------------

Definition: THE VALUE(S) OF POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMSEJVA110.0*;
AMSEJVB105.0\$\$JVC115.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AMSEKN*)

Table 1

REPLY CODE

K
V

REPLY (AB63)

KILOVOLTS
VOLTS

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APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

AA*, AC*

AMSJ B THRESHOLD VOLTAGE IN VOLTS

Definition: THE LEAST VALUE OF ELECTRICAL POTENTIAL THAT PRODUCES A MINIMUM DETECTABLE RESPONSE, EXPRESSED IN VOLTS.

Reply Instructions: Enter the numeric value. (e.g., AMSJB1150.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AMSJKN*)

AA*

AMSH B PLATEAU LENGTH VOLTAGE IN VOLTS

Definition: THE RANGE OF APPLIED VOLTAGE OVER WHICH THE PLATEAU OF A RADIATION COUNTER TUBE EXTENDS, EXPRESSED IN VOLTS.

Reply Instructions: Enter the numeric value. (e.g., AMSHB200.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AMSHKN*)

AA, AB, AC*

AMSL D PREAMPLIFIER

Definition: AN INDICATION OF WHETHER OR NOT A PREAMPLIFIER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMSLDB*)

REPLY CODE

B

C

REPLY (AA49)

INCLUDED

NOT INCLUDED

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

AA, AC*

AMSM	D	PHOTOMULTIPLIER
------	---	-----------------

Definition: AN INDICATION OF WHETHER OR NOT A PHOTOMULTIPLIER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMSMDB*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

AA, AB, AC*

ADTV	D	CASE MATERIAL
------	---	---------------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADTVDALC000*; ADTVDALC000\$DME0000\$DST0000*)

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ALC000	ALUMINUM
A	ANY ACCEPTABLE
BR0000	BRASS
GS0000	GLASS
ME0000	METAL
PC0000	PLASTIC
ST0000	STEEL
STB000	STEEL, CORROSION RESISTING

AB

ADTY	D	CASE SURFACE TREATMENT
------	---	------------------------

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPE OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE SURFACE OF THE CASE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADTYDAN0000*; ADTYDAN0000\$DENC000\$DPN0000*)

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
AN0000	ANODIZED
ANA000	ANODIZED BLACK
A	ANY ACCEPTABLE
ENC000	ENAMELED
XXG000	OXIDE FILM
PN0000	PAINTED

AA, AB, AC*

APPF	D	CABLE
------	---	-------

Definition: AN INDICATION OF WHETHER OR NOT A CABLE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APPFDB*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC ALLB: IF REPLY CODE B IS ENTERED FOR MRC APPF, REPLY TO MRC ALLB.

ALL * (See Note Above)

ALLB	J	CABLE LENGTH
------	---	--------------

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE CABLE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALLBJAA3.500*; ALLBJAB3.500\$JAC4.000*; ALLBJLA25.4*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
<hr/>			
<u>Table 1</u>			
		<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
		A	INCHES
		L	MILLIMETERS
 <u>Table 2</u>			
		<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

AA, AB, AC*

AMSN D CONNECTOR

Definition: AN INDICATION OF WHETHER OR NOT A CONNECTOR IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMSNDB*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

AB

APPG D CASE WINDOW

Definition: AN INDICATION OF WHETHER OR NOT A WINDOW IS INCLUDED IN THE CASE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APPGDB*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS APPH AND MATL: IF REPLY CODE B IS ENTERED FOR MRC APPG, REPLY TO MRCS APPH AND MATL.

FIIG T
Section Parts

APP									
Key	MRC		Mode Code						Requirements

AB* (See Note Above)

APPH	D								WINDOW LOCATION
------	---	--	--	--	--	--	--	--	-----------------

Definition: INDICATES THE LOCATION OF THE WINDOW.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APPHDABA*; APPHDACY\$DACZ*)

<u>REPLY CODE</u>	<u>REPLY (AJ91)</u>
A	ANY ACCEPTABLE
ABA	BOTTOM
ABB	END
ACY	FACE
ACZ	SIDE

AB* (See Note Preceding MRC APPH)

MATL	D								MATERIAL
------	---	--	--	--	--	--	--	--	----------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., MATLDAY0000*; MATLDPC0000\$SDQZ0000\$DAY0000*)

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ALC000	ALUMINUM
A	ANY ACCEPTABLE
AY0000	MICA
PC0000	PLASTIC
PCAB00	PLASTIC, POLYESTER
PCCCT0	PLASTIC, POLYESTER, ALUMINIZED
PCFFN0	PLASTIC, POLYESTER FILM
QZ0000	QUARTZ

ALL *

ABHP	J								OVERALL LENGTH
------	---	--	--	--	--	--	--	--	----------------

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

FIIG T
Section Parts

APP										
Key	MRC		Mode Code							Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJAB3.500\$\$JAC4.000*; ABHPJLA25.4*)

Table 1

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

ALL *

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJAB3.500\$\$JAC4.000*; ADAVJLA25.4*)

Table 1

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

ALL *

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

FIIG T
Section Parts

APP									
Key	MRC		Mode Code						Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJAB3.500\$JAC4.000*; ABMKJLA25.4*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL *

ABKW									OVERALL HEIGHT
------	--	--	--	--	--	--	--	--	----------------

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJAB3.500\$JAC4.000*; ABKWJLA25.4*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

FIIG T
Section Parts

SECTION: B

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED07331*)

BA, BB

AMRM	H	RADIATION TYPE AND FUNCTION
------	---	-----------------------------

Definition: INDICATES THE RADIATION TYPE AND FUNCTION.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below. (e.g., AMRMHABAB*; AMRMHABAB\$\$HACAB*)

Table 1

REPLY CODE

AB
AC
AD
AE
AF

REPLY (AJ18)

ALPHA RAYS
BETA RAYS
GAMMA RAYS
NEUTRON RAYS
X-RAYS

Table 2

REPLY CODE

AB
AC

REPLY (AJ19)

DETECTS
MEASURES

BA*, BB*

APPJ	J	RADIATION RANGE PER HOUR
------	---	--------------------------

Definition: THE MINIMUM AND MAXIMUM AMOUNT OF RADIATION DETECTED PER HOUR.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., APPJJADP0.0/P5.0*)

FIIG T
Section Parts

APP									
Key	MRC		Mode Code						Requirements

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., APPJKN*)

REPLY CODE

AD
AE

REPLY (AJ20)

MILLIROENTGENS
ROENTGENS

BA*, BB*

CTJX	J	DOSE RATE PER HOUR
------	---	--------------------

Definition: THE MINIMUM AND MAXIMUM AMOUNT OF ABSORBED RADIATION DETECTED PER HOUR.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CTJXJKAP20.0/P1000.0*)

REPLY CODE

KA
KB

REPLY (AJ20)

MILLIRAD
RAD

BA*, BB*

APPK	F	COUNT RANGE PER MINUTE
------	---	------------------------

Definition: THE MINIMUM AND MAXIMUM NUMBER OF SINGLE RESPONSES PER MINUTE.

Reply Instructions: Enter the numeric value. (e.g., APPKFP0.0/P160000.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., APPKKN*)

BA*, BB*

APPN	J	ACCURACY IN PERCENT
------	---	---------------------

Definition: AN INDICATION OF THE ACCURACY OF AN ITEM, EXPRESSED IN PERCENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., APPNJABM5.0/P5.0*)

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., APPNKN*)

REPLY CODE

AB
AC

REPLY (AK70)

ALL RANGES
AT FULL SCALE

BA*, BB*

APPP	J	INPUT SENSITIVITY VOLTAGE RATING
------	---	----------------------------------

Definition: THE VALUE OF ELECTRICAL POTENTIAL TO WHICH AN ITEM WILL RESPOND.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., APPPJL250.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., APPPKN*)

REPLY CODE

U
L
V

REPLY (AB63)

MICROVOLTS
MILLIVOLTS
VOLTS

BA*, BB*

APPQ	J	ENERGY DEPENDENCE RATING
------	---	--------------------------

Definition: AN INDICATION OF THE ENERGY DEPENDENCE RATING OF THE ITEM.

Reply Instructions: If the range of the item is between two units of measure, enter the applicable Reply Code from the table below for the highest unit of measure, followed by the numeric value, preceded by the letter P, separated by a slash. (e.g., APPQJABP10.000/P20.000*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., APPQKN*)

REPLY CODE

AB

REPLY (AJ20)

KEV (kilo-electron-volt)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		AC	MEV (million electron-volt)

BA, BB, BD

AMKD D INDICATOR TYPE

Definition: THE TYPE OF DEVICE USED TO REGISTER THE CONDITION(S).

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 4. (e.g., AMKDDADG*; AMKDDACJ\$\$DADG*)

BA, BB

AMRX D DETECTING ELEMENT TYPE

Definition: INDICATES THE TYPE OF DETECTING ELEMENT INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMRXDAAB*; AMRXDAAB\$\$DAAD*)

<u>REPLY CODE</u>	<u>REPLY (AJ21)</u>
AAJ	AIR PROPORTIONAL
A	ANY ACCEPTABLE
AAF	CHEMICAL REACTION
AAK	FILM
AAL	GAS PROPORTIONAL
AAB	GEIGER TUBE
AAC	IONIZATION CHAMBER
AAD	SCINTILLATION
AAE	SOLID STATE

BE

AKWH D CHARGER TYPE

Definition: INDICATES THE TYPE OF CHARGER FURNISHED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKWHDAJ*; AKWHDAL\$DAM*)

<u>REPLY CODE</u>	<u>REPLY (AG13)</u>
AJ	ALTERNATING CURRENT
AK	DIRECT CURRENT

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		AL	ELECTROSTATIC FRICTION
		AM	MANUALLY OPERATED ELECTROSTATIC ROTOR

BE*

APSE J CHARGING VOLTAGE

Definition: THE VOLTAGE THE UNIT IS DESIGNED TO DELIVER.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., APSEJVA110.0*; APSEJVB190.0\$\$JVC202.0*)

Table 1

REPLY CODE

L
V

REPLY (AB63)

MILLIVOLTS
VOLTS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

BE*

APSF D READER TYPE

Definition: INDICATES THE TYPE OF READER PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APSFDACJ*; APSFDACJ\$DADM*)

REPLY CODE

ACJ
ADM

REPLY (AJ12)

METER
QUARTZ FIBER VOLTMETER

NOTE FOR MRC APSG: IF A REPLY IS ENTERED FOR MRC APSF, REPLY TO MRC APSG.

BE* (See Note Above)

FIIG T
Section Parts

APP
Key

MRC

Mode Code

Requirements

APSG

F

ROENTGENS PER HOUR RANGE

Definition: THE RANGE FOR WHICH THE ITEM IS RATED, MEASURED IN ROENTGENS PER HOUR.

Reply Instructions: Enter the numeric values. (e.g., APSGFP100.0/P200.0*)

ALL *

CSBH

J

VOLTAGE IN VOLTS AND CURRENT TYPE

Definition: THE TOTAL ELECTRICAL VOLTAGE, EXPRESSED IN VOLTS, AND THE TYPE OF CURRENT WHETHER ALTERNATING OR DIRECT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CSBHJAC110.0*; CSBHJAC110.0\$\$JAC220.0*; CSBHJAC110.0\$JDC28.0*)

REPLY CODE

AC
DC

REPLY (AN87)

AC
DC

ALL *

FAAZ

D

PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDB*; FAAZDA\$DC*; FAAZDA\$\$DB*)

REPLY CODE

A
C
B

REPLY (AD02)

SINGLE
THREE
TWO

ALL *

FREQ

B

FREQUENCY IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

Reply Instructions: Enter the numeric value. (e.g., FREQB400.0*; FREQB90.0\$\$B120.0*)

ALL *

ALSF	D	INTERNAL BATTERY ACCOMMODATION
------	---	--------------------------------

Definition: AN INDICATION OF WHETHER OR NOT A FACILITY(IES) TO ACCOMMODATE A BATTERY(IES) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSFDB*)

<u>REPLY CODE</u>
B
C

<u>REPLY (AA49)</u>
INCLUDED
NOT INCLUDED

BB

APCB	D	PORTABILITY
------	---	-------------

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM IS PORTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APCBDP*)

<u>REPLY CODE</u>
M
P

<u>REPLY (AK36)</u>
NONPORTABLE
PORTABLE

NOTE FOR MRC AFJU: IF REPLY CODE P IS ENTERED FOR MRC APCB, REPLY TO MRC AFJU.

BB* (See Note Above)

AFJU	D	CARRYING CASE
------	---	---------------

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IN NORMAL OPERABLE CONDITION IS PROVIDED.

FIIG T
Section Parts

APP									
Key	MRC		Mode Code						Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJUDB*)

<u>REPLY CODE</u>	<u>REPLY (AB22)</u>
C	NOT PROVIDED
B	PROVIDED

BB, BE

ADTV	D	CASE MATERIAL
------	---	---------------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADTVDBR0000*; ADTVDALC000\$DST0000\$DSTB000*)

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ALC000	ALUMINUM
A	ANY ACCEPTABLE
BR0000	BRASS
ME0000	METAL
PC0000	PLASTIC
ST0000	STEEL
STB000	STEEL, CORROSION RESISTING

BB*, BE*

ADTY	D	CASE SURFACE TREATMENT
------	---	------------------------

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE SURFACE OF THE CASE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADTYDAN0000*; ADTYDAN0000\$DPN0000\$DXXG000*)

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
AN0000	ANODIZED
A	ANY ACCEPTABLE
ENH000	ENAMEL, GRAY
ENC000	ENAMELED

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		LQD000	LACQUER, BLACK
		NR0000	NATURAL
		XXG000	OXIDE FILM
		PN0000	PAINTED

ALL *

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJAB6.125\$\$JAC6.219*; ABHPJLA25.4*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL *

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJAB3.500\$\$JAC3.750*; ADAVJLA25.4*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
			<u>REPLY CODE</u>
			<u>REPLY (AC20)</u>
			A NOMINAL
			B MINIMUM
			C MAXIMUM

ALL *

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJAB4.125\$\$JAC4.250*; ABMKJLA25.4*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJAB7.875\$\$JAC8.000*; ABKWJLA25.4*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

Table 2

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
			<u>REPLY CODE</u>
			<u>REPLY (AC20)</u>
			A NOMINAL
			B MINIMUM
			C MAXIMUM

BB*

ADJH D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADJHDCR*; ADJHDMB\$DMG*)

<u>REPLY CODE</u>	<u>REPLY (AB89)</u>
A	ANY ACCEPTABLE
MB	CABINET
DK	CASE
CR	CLIP
LS	PORTABLE
LX	RACK
Y	SINGLE ACCESSORY
MG	TABLE
A	1ST ACCESSORY
B	2ND ACCESSORY
C	3RD ACCESSORY
D	4TH ACCESSORY
E	5TH ACCESSORY
F	6TH ACCESSORY
G	7TH ACCESSORY
H	8TH ACCESSORY
J	9TH ACCESSORY
K	10TH ACCESSORY
L	11TH ACCESSORY
M	12TH ACCESSORY

BA*, BD*

AFHS A ACCESSORY COMPONENT QUANTITY

Definition: THE NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the I/SAC followed by the Mode Code and the quantity. (e.g., AFHS1YA4*; AFHS1AA2*; AFHS1BA1*)

FIIG T
Section Parts

<u>REPLY CODE</u>	<u>REPLY (0346)</u>
Z	ALL ACCESSORIES
Y	SINGLE ACCESSORY
A	1ST ACCESSORY
B	2ND ACCESSORY
C	3RD ACCESSORY
D	4TH ACCESSORY
E	5TH ACCESSORY
F	6TH ACCESSORY
G	7TH ACCESSORY
H	8TH ACCESSORY
J	9TH ACCESSORY
K	10TH ACCESSORY
L	11TH ACCESSORY
M	12TH ACCESSORY

BA*, BB*

AKVY G ACCESSORY CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION THAT CONTROLS THE MANUFACTURE OF THE ACCESSORY ITEM.

Reply Instructions: Enter the I/SAC, followed by the Mode Code and the reply in clear text. (e.g., AKVYIYGSIGNAL CORPS; AKVYIAGSIGNAL CORPS*; AKVYIBGGENERAL ELECTRIC CO*; AKVYICGJETDS*)*

<u>REPLY CODE</u>	<u>REPLY (0346)</u>
Z	ALL ACCESSORIES
Y	SINGLE ACCESSORY
A	1ST ACCESSORY
B	2ND ACCESSORY
C	3RD ACCESSORY
D	4TH ACCESSORY
E	5TH ACCESSORY
F	6TH ACCESSORY
G	7TH ACCESSORY
H	8TH ACCESSORY
J	9TH ACCESSORY
K	10TH ACCESSORY
L	11TH ACCESSORY
M	12TH ACCESSORY

BA*, BB*

AFJH G FURNISHED ITEMS

FIIG T
Section Parts

Definition: ITEMS FURNISHED AS ACCESSORIES WHICH ARE NOT SPECIFIED ELSEWHERE

Reply Instructions: Enter the I/SAC followed by the Mode Code and the reply in clear text. (e.g., AFJHIYGRECEIVER; AFJHIAGRECEIVER*; AFJHIBGCARRYING HARNESS*; AFJHICGHEADSET*)*

<u>REPLY CODE</u>	<u>REPLY (0346)</u>
Z	ALL ACCESSORIES
Y	SINGLE ACCESSORY
A	1ST ACCESSORY
B	2ND ACCESSORY
C	3RD ACCESSORY
D	4TH ACCESSORY
E	5TH ACCESSORY
F	6TH ACCESSORY
G	7TH ACCESSORY
H	8TH ACCESSORY
J	9TH ACCESSORY
K	10TH ACCESSORY
L	11TH ACCESSORY
M	12TH ACCESSORY

BA, BB**

AKVZ J ACCESSORY IDENTIFYING NUMBER

Definition: THE SPECIFIC NUMBER USED TO IDENTIFY THE ACCESSORY.

Reply Instructions: Enter the I/SAC from Table 1 below, followed by the Mode Code, the applicable Reply Code from Table 2 below, followed by the identifying number. (e.g., AKVZIYJAE79614; AKVZIAJADC7707013P1*; AKVZ1BJAFH43B/U*)*

<u>REPLY CODE</u>	<u>REPLY (0346)</u>
Z	ALL ACCESSORIES
Y	SINGLE ACCESSORY
A	1ST ACCESSORY
B	2ND ACCESSORY
C	3RD ACCESSORY
D	4TH ACCESSORY
E	5TH ACCESSORY
F	6TH ACCESSORY
G	7TH ACCESSORY
H	8TH ACCESSORY
J	9TH ACCESSORY
K	10TH ACCESSORY
L	11TH ACCESSORY
M	12TH ACCESSORY

FIIG T
Section Parts

REPLY CODE

AB
AC
AD
AE
AF

REPLY (AG99)

DRAWING NO.
MODEL NO.
PART NO.
SERIAL NO.
TYPE NO.

BA*

AJXX D COMPONENT DOCUMENT ORIGIN

Definition: THE ORIGINATOR (GOVERNMENTAL, INDUSTRIAL, OR OTHERWISE) OF THE AVAILABLE DOCUMENT WHICH LISTS THE COMPONENT(S) OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJXDAF*)

REPLY CODE

AF
AD

REPLY (AF59)

GOVERNMENT
INDUSTRIAL

BA*

AJY A DOCUMENT SOURCE

Definition: THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE GOVERNMENT AGENCY, INDUSTRIAL ORGANIZATION, OR OTHER SOURCE, WHICH CONTROLS THE DOCUMENT.

Reply Instructions: Enter the 5-position CAGE Code. (e.g., AJYA12345*; AJYA12345\$A67899*)

BA*

AJZ D DOCUMENT TYPE

Definition: INDICATES THE TYPE OF DOCUMENT BY THE TITLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJZDAB*)

REPLY CODE

REPLY (AF70)

FIIG T
Section Parts

AE	FEDERAL SPECIFICATION
AC	MILITARY SPECIFICATION
AF	MILITARY STANDARD
AB	TECHNICAL MANUAL
AD	TRAINING MANUAL

BA*

AJKA A DOCUMENT IDENTIFICATION

Definition: THE NUMBER OR SYMBOL USED TO IDENTIFY THE DOCUMENT.

Reply Instructions: Enter the number of the document.

(e.g., AJKAAMIL-F-1234*)

BA*

AJKB A COMPONENT DOCUMENT PAGE NUMBER

Definition: THE PAGE NUMBER INDICATING THE LOCATION OF THE
COMPONENT(S) LISTED IN THE DOCUMENT.

Reply Instructions: Enter the page number. (e.g., AJKBA119*)

FIIG T
Section Parts

SECTION: C

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED17257*)

ALL

ANTH	D	METER TYPE
------	---	------------

Definition: AN INDICATION OF THE TYPE OF METER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANTHDAM*; ANTHDAL\$DAM*)

REPLY CODE

AL
AM

REPLY (AK13)

MOUNTED
PORTABLE

ALL

APSJ	A	SCALE QUANTITY
------	---	----------------

Definition: THE NUMBER OF SCALES ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., APSJA1*)

ALL

APSK	J	SCALE RANGE
------	---	-------------

Definition: AN INDICATION OF THE SCALE RANGE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value, separated by a slash, precede all values by a P. (e.g., APSKJADP100.0/P500.0*)

REPLY CODE

AD
AE

REPLY (AJ20)

MILLIROENTGENS
ROENTGENS

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

ALL

ANBJ	J	GRADUATION UNIT
------	---	-----------------

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ANBJAAN5.0*)

<u>REPLY CODE</u>	<u>REPLY (AJ40)</u>
AAN	MILLIROENTGENS
AAP	ROENTGENS

ALL

ADTV	D	CASE MATERIAL
------	---	---------------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADTVDALC000*; ADTVDALC000\$\$DST0000\$DPC0000*)

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ALC000	ALUMINUM
A	ANY ACCEPTABLE
ME0000	METAL
PC0000	PLASTIC
PCAAL0	PLASTIC, PHENOL-FORMALDEHYDE (Bakelite)
PCCCA0	PLASTIC, THERMOPLASTIC
ST0000	STEEL

ALL

APSL	D	METER STYLE
------	---	-------------

Definition: AN INDICATION OF THE METER DESIGN.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APSLDAP*; APSLDAF\$DAP*)

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

REPLY CODE

AP

AF

REPLY (AJ17)

PANEL

PORTABLE

NOTE FOR MRC AAQL AND BODY DIMENSION MRCS: REPLY TO MRC AAQL AND BODY DIMENSION MRCS AS APPLICABLE.

ALL * (See Note Above)

AAQL	L	BODY STYLE
------	---	------------

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE BODY.

Reply Instructions: Enter the applicable style number from [Appendix B](#), Reference Drawing Group A. (e.g., AAQLL3*)

NOTE FOR MRCS ABHP, ABMK, ADAV, ABKW, AND ABFY: REPLY TO THESE MRCS, AS APPLICABLE TO THE ITEM BEING DESCRIBED. IF REPLY CODE AF IS ENTERED FOR MRC APSL DO NOT INCLUDE HANDLES OR OTHER APPURTENANCES WHEN REPLYING TO DIMENSIONAL MRCS.

ALL * (See Note Above)

ABHP	J	OVERALL LENGTH
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Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB8.438\$\$JAC8.500*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

FIIG T
Section Parts

APP									
Key	MRC		Mode Code						Requirements

ALL * (See Note Preceding MRC ABHP)

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.750\$\$JAC2.766*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL * (See Note Preceding MRC ABHP)

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.500\$\$JAC2.516*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
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ALL * (See Note Preceding MRC ABHP)

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB3.500\$\$JAC3.562*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL * (See Note Preceding MRC ABHP)

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA25.4*; ABFYJAB3.000\$\$JAC3.062*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

FIIG T
Section Parts

APP									
Key	MRC		Mode Code			Requirements			

ALL *

APPN J ACCURACY IN PERCENT

Definition: AN INDICATION OF THE ACCURACY OF THE ITEM, EXPRESSED IN PERCENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value separated by a slash. Precede negative values by an M and positive values by a P. (e.g., APPNJACM2.0/P2.0*)

REPLY CODE

AB

AC

REPLY (AK70)

ALL RANGES

AT FULL SCALES

ALL *

APSM G SENSITIVITY

Definition: AN INDICATION OF THE SENSITIVITY OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., APSMG50 MICROAMPS AT FULL SCALE DEFLECTION, 1860 OHMS RESISTANCE ACROSS TERMINAL*)

ALL

AHFT D MAGNETIC SHIELDING

Definition: AN INDICATION OF WHETHER OR NOT MAGNETIC SHIELD IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHFTDB*)

REPLY CODE

B

C

REPLY (AA49)

INCLUDED

NOT INCLUDED

NOTE FOR MRC APSN: REPLY TO THIS MRC IF REPLY CODE C IS ENTERED FOR MRC AHFT.

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

ALL * (See Note Above)

APSN	D	PANEL FOR WHICH DESIGNED
------	---	--------------------------

Definition: AN INDICATION OF THE PANEL FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APSNDAB*)

REPLY CODE

AB
AC

REPLY (AK76)

MAGNETIC
NONMAGNETIC

NOTE FOR MRCS ADEE AND ANJG: REPLY TO THESE MRCS IF REPLY CODE AB IS ENTERED FOR MRC APSN.

ALL * (See Note Above)

ADEE	J	PANEL THICKNESS
------	---	-----------------

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF A PANEL, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADEEJAA0.063*; ADEEJLA25.4*; ADEEJAB0.078\$\$JAC0.094*)

Table 1

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

ALL * (See Note Preceding MRC ADEE)

ANJG	D	PANEL MATERIAL
------	---	----------------

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE PANEL IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANJGDST0000*)

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
A	ANY ACCEPTABLE
ST0000	STEEL

ALL

APMM	D	DIAL SCALE MARKING COLOR
------	---	--------------------------

Definition: THE HUE OR TINT OF THE DIAL SCALE MARKING(S).

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., APMMDBL0000*; APMMDWH0000\$DYE0000\$DRG0000*)

ALL

APSQ	D	DIAL SCALE MARKING LUMINOSITY
------	---	-------------------------------

Definition: AN INDICATION OF WHETHER OR NOT THE DIAL SCALE MARKINGS ARE LUMINOUS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APSQDP*)

<u>REPLY CODE</u>	<u>REPLY (AK77)</u>
P	LUMINOUS
M	NONLUMINOUS

NOTE FOR MRC APSR: REPLY TO THIS MRC IF REPLY CODE P IS ENTERED FOR MRC APSQ.

ALL * (See Note Above)

APSR	D	LUMINOUS SCALE MARKING ULTRAVIOLET ACTIVATION
------	---	---

FIIG T
Section Parts

APP
Key

MRC

Mode Code

Requirements

Definition: AN INDICATION OF WHETHER OR NOT THE SCALE MARKINGS LUMINOUS TREATMENT REQUIRES ACTIVATION BY ULTRAVIOLET LIGHT RAYS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APSRDB*)

REPLY CODE

C
B

REPLY (AE40)

NOT REQUIRED
REQUIRED

ALL

AETT D INSCRIPTION BACKGROUND COLOR

Definition: THE HUE OR TINT OF THE LIGHT EMITTED FROM THAT PORTION OF THE ITEM WHICH SURROUNDS THE INSCRIPTION ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., AETTDDBU0000*; AETTDDBL0000\$\$DRE0000\$DRG0000*)

ALL *

ALGC G MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALGCGFOUR 0.125 IN. DIA MTG HOLES ON 2 IN. BY 2 IN. MTG CENTERS*)

ALL *

AARA A TERMINAL QUANTITY

Definition: THE NUMBER OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AARAA2*; AARAA2\$\$A3*)

ALL *

AARB D TERMINAL TYPE

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

Definition: INDICATES THE TYPE OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AARBDFW*; AARBDBJ\$\$DFT*)

<u>REPLY CODE</u>	<u>REPLY (AA58)</u>
BJ	BANANA PLUG
JE	FLUSH MOUNTED NUT
FT	SCREW STUD
FW	SOLDER LUG
BB	WIRE LEAD

ALL *

ABJT	J	TERMINAL LENGTH
------	---	-----------------

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A TERMINAL, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABJTJAA0.250; ABJTJLA25.4*)

<u>Table 1</u>	
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

<u>Table 2</u>	
<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

AHBY	J	TERMINAL THREAD SIZE AND SERIES/TYPE DESIGNATOR
------	---	---

Definition: DESIGNATES THE THREAD DIAMETER, SERIES/TYPE, AND NUMBER OF THREADS PER MEASUREMENT SCALE FOR THE TERMINAL.

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
<hr/>			
Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3, followed by the literal citation of the nominal diameter and threads per specific measurement scale.			
(e.g., AHBYJNC1/4-20*; AHBYJNC1/4 20\$\$JNF1/4 28*)			

SECTION: STANDARD

APP

Key MRC Mode Code Requirements

ALL*

FEAT G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

TEST J TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321\$\$JB5556A-663654*;

TESTJAA2345-654321\$JB55566-663654*)

REPLY
CODE

REPLY (AC28)

- | | |
|---|--|
| A | SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.) |
| B | STANDARD (Includes industry or association standards, individual manufacturer standards, etc.) |

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
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		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)
--	--	---	---

ALL*

SPCL	G	SPECIAL TEST FEATURES	
------	---	-----------------------	--

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK	J	SPECIFICATION/STANDARD DATA	
------	---	-----------------------------	--

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B\$\$JP80205-NAS1103*)

FIIG T
Section Parts

APP

Key MRC Mode Code Requirements

<u>REPLY CODE</u>	<u>REPLY (AN62)</u>
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL * (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1\$JSTA*; ZZZTJTY1\$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

ALL*

ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
------	---	---------------------------------

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)

ALL*

ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
------	---	--

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

ALL*

CRTL	A	CRITICALITY CODE JUSTIFICATION
------	---	--------------------------------

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL\$\$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

PRPY	A	PROPRIETARY CHARACTERISTICS	
------	---	-----------------------------	--

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL\$\$ASURF*)

ALL*

ELRN	G	EXTRA LONG REFERENCE NUMBER	
------	---	-----------------------------	--

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

NOTE FOR MRC NHCF: IF THE CRITICALITY CODE IS E, H, OR M, REPLY TO MRC NHCF.

ALL* (See Note Above)

NHCF	D	NUCLEAR HARDNESS CRITICAL FEATURE	
------	---	-----------------------------------	--

Definition: AN INDICATION OF THE NUCLEAR HARDNESS CRITICALITY OF THE ITEM.

FIIG T
Section Parts

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the Reply Code from the table below. (e.g., NHCFCY*)

REPLY CODE
CY

REPLY (AD05)
HARDENED

ALL*

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY
CODE
A

REPLY (AN58)
ADDITIONAL DESCRIPTIVE DATA ON MANUAL
RECORD

SECTION: SUPPTECH

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

AGAV	G	END ITEM IDENTIFICATION
------	---	-------------------------

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL

AKWA	G	JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME
------	---	--

Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the name in clear text. (e.g., AKWAGPUBLIC ADDRESS SET*)

ALL

AKWB	G	JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER
------	---	---

Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the type number in clear text. (e.g., AKWBGAN/TIPIA*)

ALL

ALCD	G	USAGE DESIGN
------	---	--------------

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALCDGLOCATE METALLIC LAND MINES*)

ALL

FIIG T
Section Parts

APP
Key

MRC

Mode Code

Requirements

PRMT

D

PRECIOUS MATERIAL

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000*; PRMTDAUA000\$\$DAGA000*; PRMTDAGA000\$DAUA000*)

REPLY CODE

AUA000
IRA000
AZA000
PDA000
PTA000
RHA000
RTA000
AGA000

REPLY (MA01)

GOLD
IRIDIUM
OSMIUM
PALLADIUM
PLATINUM
RHODIUM
RUTHENIUM
SILVER

ALL

PMWT

J

PRECIOUS MATERIAL AND WEIGHT

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500\$\$JAGA000R0.780*)

Table 1

REPLY CODE

AUA000
IRA000
AZA000
PDA000
PTA000
RHA000
RTA000
AGA000

REPLY (MA01)

GOLD
IRIDIUM
OSMIUM
PALLADIUM
PLATINUM
RHODIUM
RUTHENIUM
SILVER

Table 2

REPLY CODE

E
R
F

REPLY (AG14)

GRAINS, TROY
GRAMS
OUNCES, TROY

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

ALL

PMLC J PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJUAUA000TERMINALS*; PMLCJUAUA000TERMINALS\$\$JAGA000INTERNAL SURFACES*; PMLCJAGA000TERMINALS\$JUAUA000INTERNAL SURFACES*)

<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

SUPP G SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

FCLS A FUNCTIONAL CLASSIFICATION

Definition: THE ALPHA-NUMERIC DESIGNATION THAT IDENTIFIES THE CLASSIFICATION OF THE ITEM ACCORDING TO THE CATEGORY OF FUNCTIONS PERFORMED.

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
<hr/>			
			Reply Instructions: Enter the reply from the applicable document. (e.g., FCLSAHH-1.5*)
ALL			
	FTLD	G	FUNCTIONAL DESCRIPTION
			Definition: DESCRIBES THE CAPABILITIES, ITENDED USE, AND/OR PURPOSE FOR WHICH THE ITEM IS PROVIDED.
			Reply Instructions: Enter description of function as concisely as possible. (e.g., FTLDGUSED TO INSTALL/REMOVE ENGINE NACELLE*)
ALL			
	TMDN	A	TYPE/MODEL DESIGNATION
			Definition: THE ALPHA-NUMERIC-ALPHA DESIGNATION USED TO IDENTIFY THE TYPE AND/OR MODEL OF THE BASIC ITEM.
			Reply Instructions: Enter the appropriate designation data.
			(e.g., TMDNAMSV-615/M*)
ALL			
	RTSE	G	RELATIONSHIP TO SIMILAR EQUIPMENT
			Definition: INDICATES THE RELATIONSHIP, SUCH AS CONSTRUCTION, CAPABILITIES, AND THE LIKE, OF THE ITEM TO A SIMILAR ITEM.
			Reply Instructions: Enter concise statement for similar item including name and identifying data. (e.g., RTSEGSIMILAR TO LOCKHEED OVERWING ENGINE HOIST P/N 61521-58*)
ALL			
	RDAL	G	REFERENCE DATA AND LITERATURE
			Definition: LITERATURE AND REFERENCES AVAILABLE FOR INFORMATION PERTAINING TO THE ITEM.
			Reply Instructions: Enter data appropriate and in a concise manner to identify informational references covering the item.
			(e.g., RDALGNAAVAIROIA/VFK58 A-2.2.9*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
ALL			
	NTRD	A	ENTRY DATE
	Definition: INDICATE THE DATE THE ITEM WAS ENTERED INTO MIL-HDBK-300.		
	Reply Instructions: Enter the date structured in three hyphenated 2 position segments to indicate the last 2 digits of the calendar year, month, and day.		
	(e.g., NTRDA80-05-28*)		
ALL			
	ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION
	Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.		
	Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.		
	(e.g., ZZZPJ81337-30624A*)		
ALL			
	ZZZV	G	FSC APPLICATION DATA
	Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.		
	Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)		
ALL			
	CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY
	Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.		

FIIG T
Section Parts

APP
Key

MRC

Mode Code

Requirements

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR
CONTROL BOARD*)

FIG T
Section Parts

FIG T
Section Parts

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Reply Tables

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Table 3 - THREAD SIZE AND SERIES/TYPE DESIGNATORS	73
Table 4 - INDICATOR TYPES.....	73

Table 1 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 2 - COLORS
COLORS

<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
A	ANY ACCEPTABLE
BL0000	BLACK
BU0000	BLUE
BU0026	BLUE, LIGHT
GR0000	GREEN
GR0042	GREEN, YELLOW
MS0034	MAGENTA
MS0060	MULTICOLOR
WH0011	OFF-WHITE
RG0000	ORANGE
RE0000	RED
WH0000	WHITE
YE0000	YELLOW

Table 3 - THREAD SIZE AND SERIES/TYPE DESIGNATORS
THREAD SIZE AND SERIES/TYPE DESIGNATORS

<u>REPLY CODE</u>	<u>REPLY (AH06)</u>
SM	ISO M (SI other than coarse)
SS	ISO S (SI coarse)
	Nonstandard (use Reply Code NS)
UN	UN (8, 12, and 16 pitch)
NC	UNC
NE	UNEF
NF	UNF
NJ	UNJ (8, 12, and 16 pitch)
JC	UNJC
JE	UNJEF
JF	UNJF
NM	UNM
NS	UNS (National Special)

Table 4 - INDICATOR TYPES
INDICATOR TYPES

<u>REPLY CODE</u>	<u>REPLY (AJ12)</u>
A	ANY ACCEPTABLE
ADG	AUDIO
ADR	AURAL
AEM	COUNTER
AHE	DIRECT READING

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<u>REPLY CODE</u>	<u>REPLY (AJ12)</u>
ADH	ELECTROMECHANICAL
ACA	GLOW LAMP
AKK	HEADSET
ACJ	METER
ADJ	OPTICAL QUARTZ FIBER ELECTROMETER
ADW	SCALE
ADK	STRIP RECORDER
ADL	VISUAL

Reference Drawing Groups

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REFERENCE DRAWING GROUP A Tables
BODY STYLES AND DIMENSIONS

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., ABPMJAA2.500*; ABPMJAB2.688\$\$JAC2.719*; ABPMJLA25.4*)

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

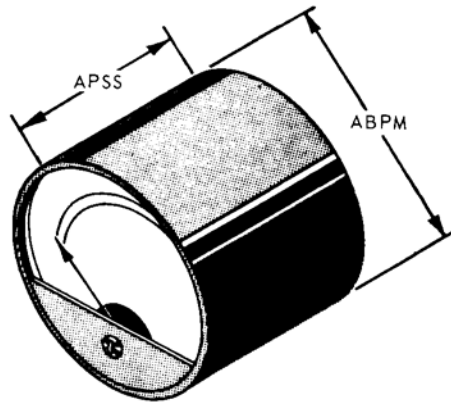
<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

<u>MRC</u>	<u>Mode Code</u>	<u>Name of Dimension</u>
ABPM	J	BODY DIAMETER
ADAQ	J	BODY LENGTH
ADAT	J	BODY WIDTH
ADME	J	MOUNTING FLANGE OUTSIDE DIAMETER
ADMG	J	MOUNTING FLANGE LENGTH
ADMH	J	MOUNTING FLANGE WIDTH
APSS	J	METER DEPTH TO PANEL
APST	J	METER DEPTH BEHIND MOUNTING FLANGE
APSW	J	METER BODY DIAMETER BEHIND MOUNTING FLANGE
APSX	J	METER BODY LENGTH BEHIND MOUNTING FLANGE
APSY	J	METER BODY WIDTH BEHIND MOUNTING FLANGE

REFERENCE DRAWING GROUP A

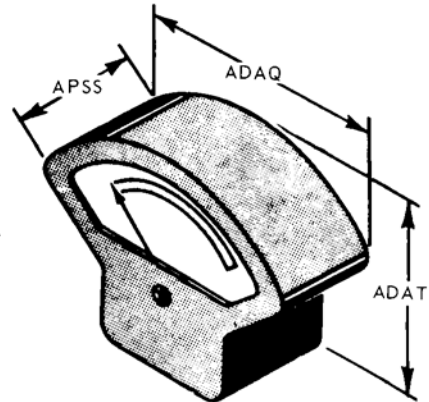
BODY STYLES AND DIMENSIONS

①



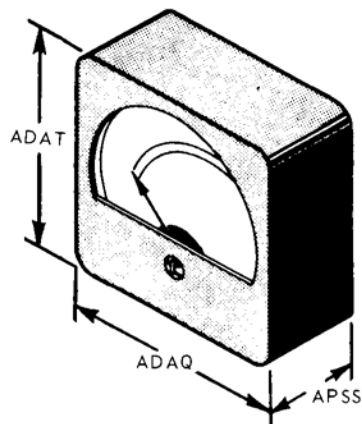
ROUND, SURFACE MOUNTING

②



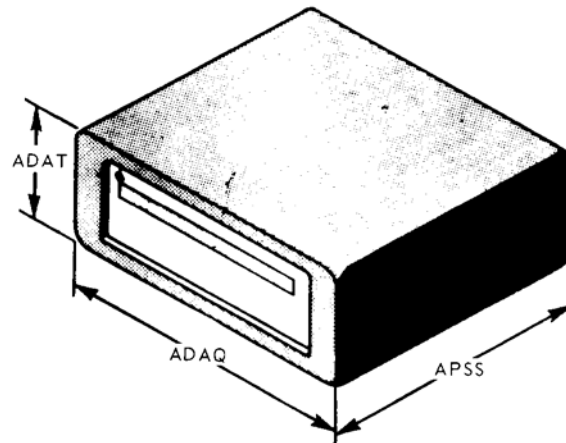
FAN SHAPE, SURFACE MOUNTING

③

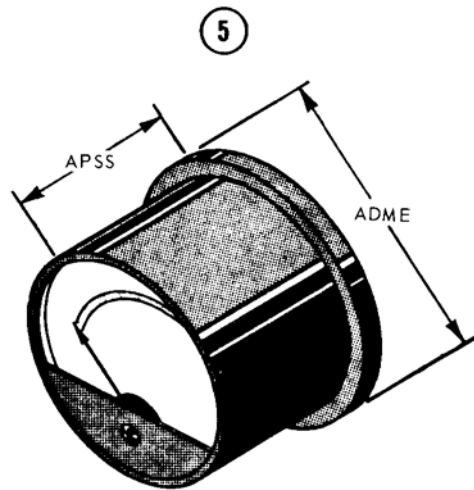


RECTANGULAR, SURFACE MOUNTING

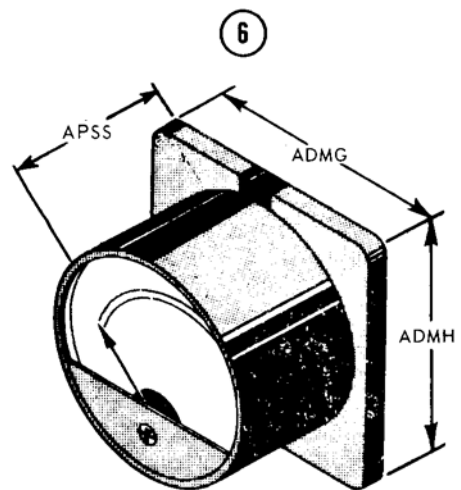
④



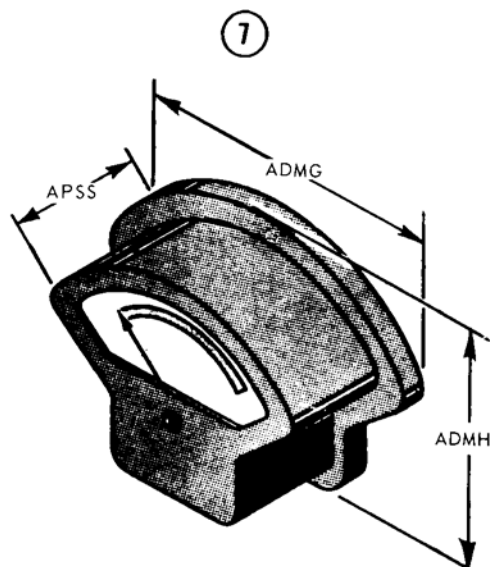
RECTANGULAR, SURFACE MOUNTING



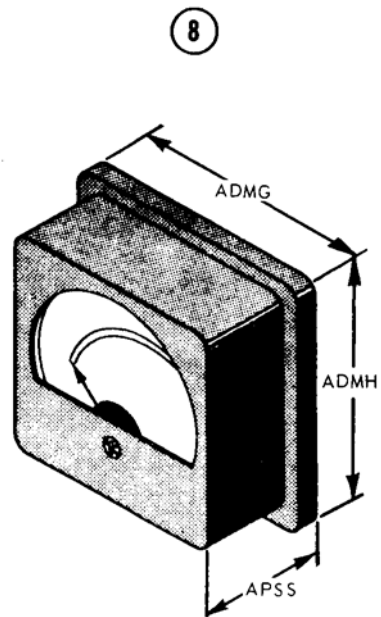
ROUND, SURFACE MOUNTING



RECTANGULAR, SURFACE MOUNTING

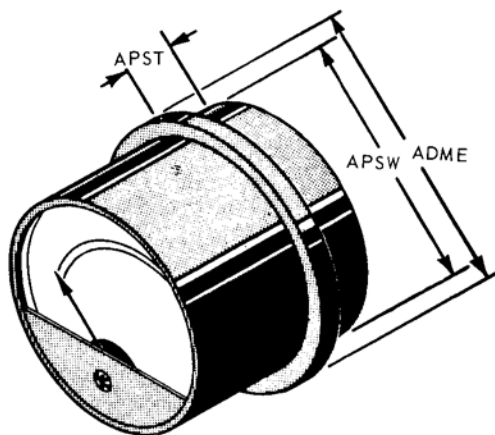


FAN SHAPE, SURFACE MOUNTING



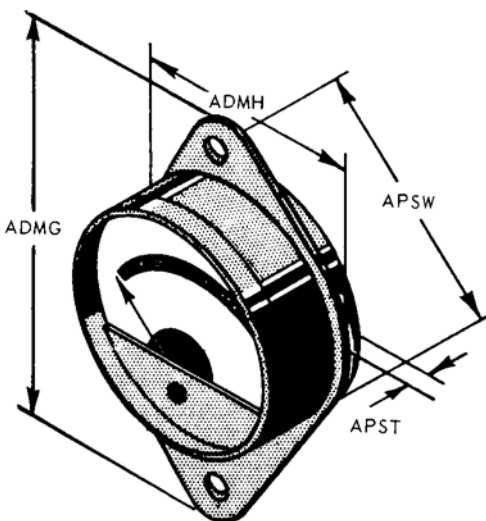
RECTANGULAR, SURFACE MOUNTING

9



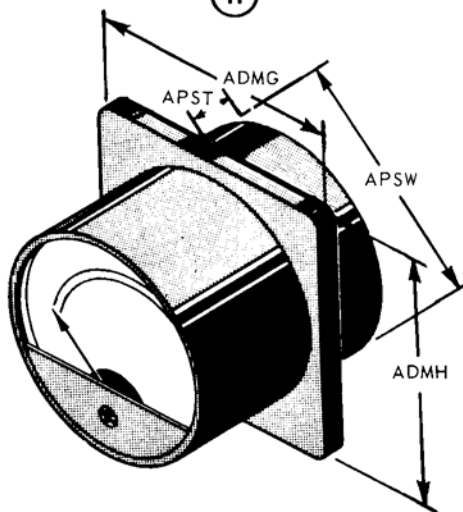
ROUND, SEMI-FLUSH MOUNTING

10



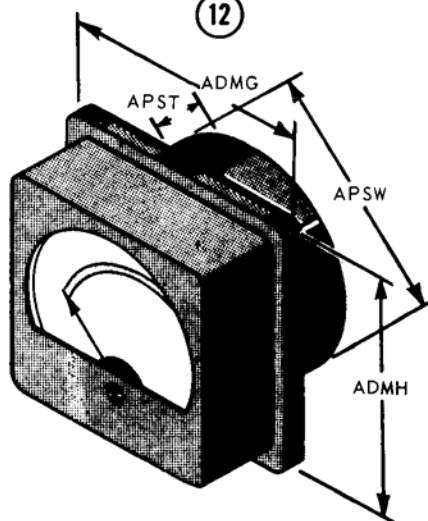
OVAL, SEMI-FLUSH MOUNTING

11



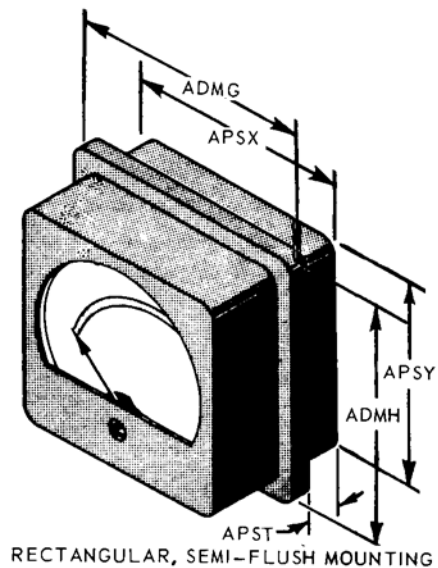
RECTANGULAR, SEMI-FLUSH MOUNTING

12

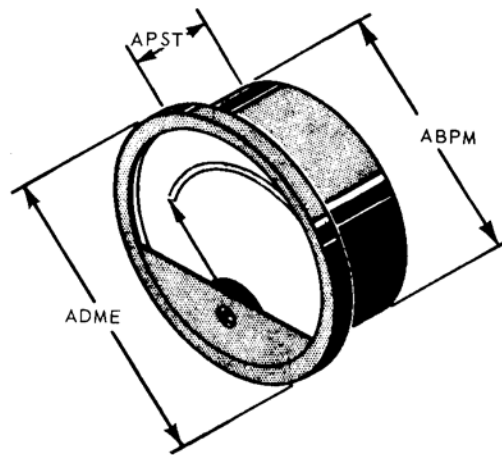


RECTANGULAR, SEMI-FLUSH MOUNTING

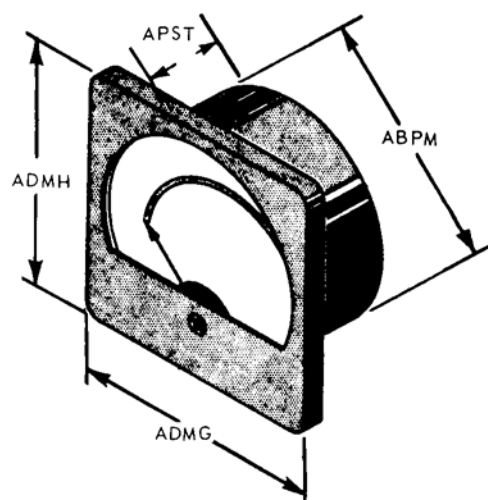
13



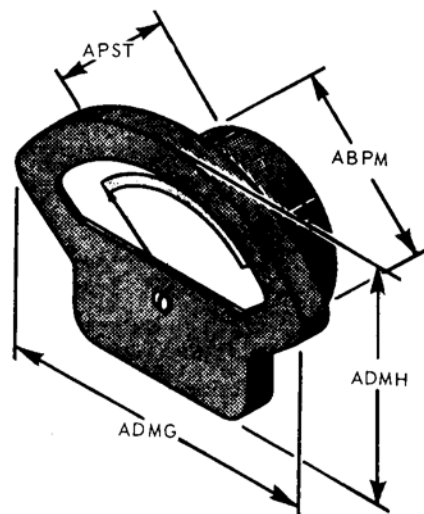
14

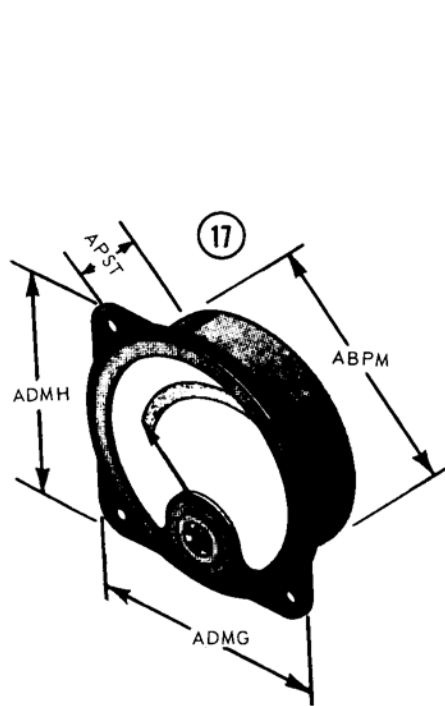


15

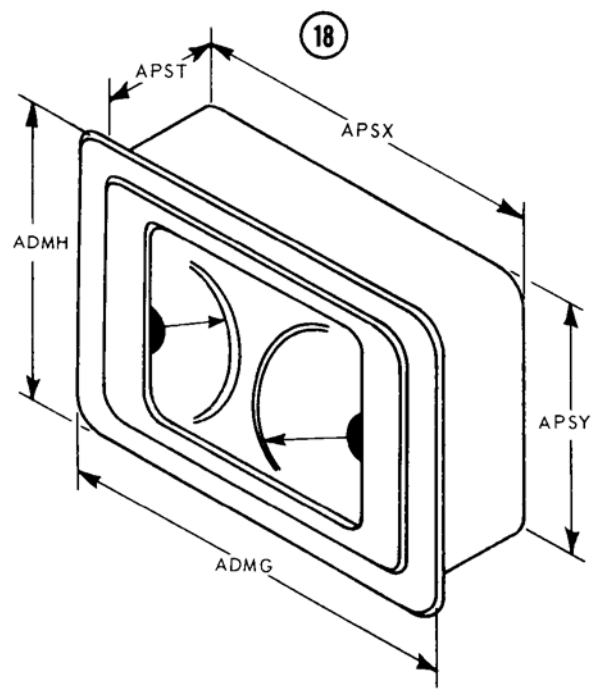


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AIRCRAFT, FLUSH MOUNTING



RECTANGULAR, FLUSH MOUNTING

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART	84
OUNCE TO DECIMAL OF A POUND CONVERSION CHART	85

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APPENDIX C

STANDARD FRACTION TO DECIMAL CONVERSION CHART

<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>	<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	-----	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	-----	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	-----	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	-----	.219	.2188				23/32	-----	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	-----	.281	.2812				25/32	-----	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	-----	.344	.3438				27/32	-----	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	-----	.406	.4062				29/32	-----	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	-----	.469	.4688				31/32	-----	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

<u>OUNCES</u>	<u>POUNDS</u>
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

FIIG Change List

FIIG Change List, Effective September 3, 2010

This change replaced with ISAC or and/or coding.